

In the Claims:

Please amend claims 6, 7 and 8 as follows:

1-5. (Canceled)

6. (Currently amended) ~~An air pump comprising~~ Apparatus for
expressing milk from a breast, comprising:

a milk collector unit having at least a vacuum path,

a collection vessel operatively connected to said vacuum path, and

an air pump,

said air pump having a movable diaphragm in a chamber, at least one output port, a threaded shaft operatively connected to said diaphragm, said shaft having an axis, and a motor which oscillates said diaphragm axially, said motor being coupled to said diaphragm through threaded engagement that translates motor rotation into diaphragm oscillation.

7. (Currently amended) ~~An air pump comprising~~ Apparatus for
expressing milk from a breast, comprising:

a milk collector unit having at least a vacuum path,

a collection vessel operatively connected to said vacuum path, and

an air pump,

said air pump having a movable diaphragm in a chamber, at least one output port, and a motor having a threaded shaft which moves axially, said shaft being connected to said diaphragm to oscillate said diaphragm in a back and forth motion.

8. (Currently amended) ~~An air pump comprising~~ Apparatus for expressing milk from a breast, comprising:

a milk collector unit having at least a vacuum path,

a collection vessel operatively connected to said vacuum path, and

an air pump,

said air pump having a movable diaphragm in a chamber, at least one output port, and a motor having a rotating threaded shaft, said shaft having an axis and being in threaded engagement with said diaphragm so that rotation of said shaft in forward and reverse directions moves said diaphragm back and forth in said chamber.

9. (Canceled)

10. (Previously Presented) Apparatus for expressing milk from a breast comprising:

a milk collector unit having a manifold assembly, the manifold assembly having a vacuum path and a pulsating pressure path,

a collection vessel operatively connected to said vacuum path,

a cup assembly, said cup assembly having a housing having an inlet and an outlet, a pad located in the input end of said housing, and a liner extending from said housing inlet to said housing outlet, said liner being secured to said housing to form a space between said housing and said liner which is in communication with said pulsating pressure path, pressure in said pulsating path moving said liner within said housing, and

the manifold assembly having a hollow boss which extends into the outlet within the liner and increases the area for breast extension during milk expression.

11. (Original) The apparatus of claim 10 wherein said manifold assembly includes a manifold to which said collection vessel is secured, and a removable cap, said cup assembly being secured to said manifold assembly by both said manifold and said cap.

12. (Original) The apparatus of claim 11 wherein said vacuum path begins in said cap and passes through said manifold to said cup assembly, and

said pulsating pressure path passes through said cap to a pressure port in said cup assembly, said pressure port being in communication with said space between said housing and said liner.

13-22. (Canceled)